



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 10/16)

CORRO E-SEAL (Ref. No. 151)

Product Description

- 2-Part, Water Based Durable Epoxy Coating System Consisting of:
 - Part A – Resin
 - Part B – Pigmented/Hardener
- Semi-Gloss, Good Color Retention, Good Aesthetics
- V.O.C. Compliant/Low Odor/Solvent Free
- Top Coat for **E-Crete (Ref. No. 219, 311 or 517)**
- Clear for Pigmented Version Specify **Corro E-Cote (Ref. No. 148)**
- Easy to Clean Hygienic Surface
- User Friendly Mix Ratio

Special Attributes

- **Heat Resistant and Cold Resistant from -40°F/-40°C to 450°F/232°C**
- Meets ASTM C-884 Thermal Compatibility with Concrete
- U.S.D.A. and C.F.I.A. Compliant
- Excellent Stain Resistance
- Good Hot Oil Resistance
- Good Chemical Resistance (Refer to Chemical Resistance Chart)
- Water Wipe Down
- Good Color Stability
- Moisture Insensitivity
- Good Thermal Shock Resistance
- Excellent Wear Resistance
- Resistant to Steam Cleaning
- Good UV Resistance
- Ultimate Resistance to Chipping and Peeling

Common Uses

- Top Coat for E-Crete
- Coating to Floors, Walls and Ceilings
- Thermal Shock Areas
- High and Low Temperature Areas
- Bakeries
- Meat Processors
- Dairies
- Poultry Processors
- Commercial kitchens/Restaurants
- Monolithic for Heavy Traffic Areas
- Freezers
- Steam and Hot Water Wash Down Areas

Colors

Clear

Packaging

Corro E-Cote is available in the following pre-measured pak sizes:

- 1 Gallon Pak (300 SF)
- 3 Gallon Pak (900 SF)

Coverage will vary depending on surface texture.

Setting Times

See Set Time Chart on back page for set times. Apply in temperatures 40°F to 90°F

Mixing and Application

DO NOT MIX BY HAND

Apply with squeegee, roller, brush or spray.

Detailed mixing and application instructions are available upon request.

Do NOT allow Resin to Puddle

Do NOT Apply Over Curing Agents and Densifiers

Clean Up

Corro E-Seal, while still wet, can be cleaned up with warm soapy water, but if allowed to set then mechanical cleaning or the application of a very strong paint stripper will have to be used.

Safety

As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised. Before using any of the products, please read the container label warnings and their respective material safety data sheets.

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Mixing Ratio by Weight

2.62:1 Part B to Part A

Mixing Ratio by Volume

3:1 Part B:Part A

Technical Assistance

If you have any questions regarding this product, please call 1-800/298-7637 for further information.

SET TIMES			
Set Times (Slab Temperature)	40°F/5°C	73°F/23°C	90°F/32°C
Pot Life	90 Minutes	1 Hour	45 Minutes
Recoat Time - Floors	6 Hours	3 Hours	2 Hours
Recoat Time – Walls**	6 Hours	3 Hours	2 Hours
Foot Traffic	7-8 Hours	4-5 Hours	2-4 Hours
Forklift Traffic	72 Hours	48 Hours	24 Hours
Full Chemical Resistance*	9 Days	7 Days	5 Days

* Refer to Chemical Resistance Chart

** If the floor is still tacky, wear spiked shoes to apply the recoat.

WARRANTY

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

WARRANTY - All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Liability under this warranty is limited to the net purchase price of any such products proven defective, or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.